SC3500

COMPUTER INTERFACE

TECHNICAL MANUAL

Version 1.0
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PREFACE

This manual provides Technical Service Information for the RISO SC3500 Computer Interface.
This manual is published as a reference guide for use by RISO Group (RISO Kagaku Corp./RISO,INC./RISO EUROPE Ltd.) Certified Technical Representatives experienced in duplicator repair and service.

This manual also provides procedures for removing and installing major components. Following these procedures will minimize machine malfunctions. This information and format will also increase technical representatives' awareness and experience regarding repairs necessary to insure end-user satisfaction.

If assistance is required, please contact one of the following:

[RISO Kagaku Corp.]

Overseas Technical Section, Technical Support Department
2-5-1, Akanehama, Narashino-shi, Chiba 275, JAPAN
TEL: (0474)52-4111 FAX: (0474)52-3106

[RISO EUROPE Ltd.]

Solar House, 305 Ballards Lane, North Finchley, London N12 8NP, United Kingdom
TEL: (0181)446-1188 FAX: (0181)343-9408

[RISO, INC.]

NOTE : Before attempting to correct machine malfunctions, study the Technical Manual and make sure all questions and/or concerns have been satisfied. If necessary, please use the Technical Hotline:

TECHNICAL HOTLINE

800-578-7476
(Emergency Technical Assistance Only!!!)

REFERENCE	ADDRESSES	FOR
A	RISO, INC. Tech. Support Center 310 Andover Street Danvers, MA 01923	Technical Support Operations Correspondence and Technical Training
B	RISO,INC. REPAIR DEPT. 310 Andover Street Danvers, MA 01923	Repairs and Warranty Claims

!! WARNING !!

Important Safety Precautions

1. Always disconnect electrical supply before placing hands in the machine.

I. To avoid injuries:
Be sure to disconnect the electrical power before disassembling, assembling, or when making adjustments on the machine.

II. Protection of the machine:
Make sure to turn OFF the power to the machine before plugging or unplugging the electrical connectors, or when connecting a Meter.

2. Always connect electrical connectors firmly.

I. To avoid electrical failure:
The connectors must be connected firmly together and onto the PCBs.

II. Protection of the electrical components:
The electrical components may be damaged due to short circuits caused by a loose connector.

General Precautions

Whenever handling PCB or any electronic device or circuit, you should take precautions to avoid static damage. If you do not take precautions, static damage will occur. This may mean instant failure of components or a reduction in life of components and future problems.

- Discharge yourself to ground by touching an earthed part of the machine or unit.
- Use a grounded wrist strap and earth this correctly.
- Keep components and PCBs in antistatic bags until ready for fitting.
- Do not hold PCBs in contact with ungrounded or non-conductive objects.

Every non-earthed or non-conductive object can carry a static charge, including youself.
Just walking across a carpet can give you a charge of 15,000 volts or more.
You should discharge yourself to ground, but not through the components!